

UCANS9 Timetable 1st day (Monday, March 28th, 2022)

<https://zoom.us/j/2336507610>

	Japan JST (UTC+9)	Europe CET (UCT+1)	America EDT (UCT-4)		Title	Speaker	Affiliation
	17:00 17:20	9:00 9:20	4:00 4:20		Opening session		
K-1	17:20 17:50	9:20 9:50	4:20 4:50		Keynote lecture1 (Chair: <i>Frédéric Ott</i>)	Towards a Network of Accelerator-based Facilities in Europe	Thomas Brückel JCNS
	17:50 18:00	9:50 10:00	4:50 5:00		Break (10min)		
I-1	18:00 18:20	10:00 10:20	5:00 5:20		(INVITED) RIKEN Accelerator-driven compact neutron systems, RANS project and their capabilities	Yoshie OTAKE	RIKEN
O-1	18:20 18:35	10:20 10:35	5:20 5:35		Introduction of Particle Accelerator Facility at Sun Yat-sen University	Liang LU	Sun Yat-sen University
O-2	18:35 18:50	10:35 10:50	5:35 5:50	Session A <i>CANS projects and facility development 1</i>	HIGH FLUX NEUTRON SOURCE FOR VARIOUS APPLICATIONS	Marina Bikchurina	Budker Institute of Nuclear Physics
I-2	18:50 19:10	10:50 11:10	5:50 6:10	(Chair: <i>Thomas Gutberlet</i>)	(INVITED) Overview of the current status and research at Hokkaido University neutron source facility, HUNS	Takashi Kamiyama	Hokkaido University
O-3	19:10 19:25	11:10 11:25	6:10 6:25		Status of the neutron source development for fusion reactor engineering development in Korea	Dong Won LEE	Korea Atomic Energy Research Institute (KAERI)

O-4	19:25 19:40	11:25 11:40	6:25 6:40		Simulation and Design of an IPHI-based neutron source, first steps toward SONATE	MOM Borana	IRFU, CEA, Université Paris-Saclay
	19:40 20:00	11:40 12:00	6:40 7:00	Break (20min)			
I-3	20:00 20:20	12:00 12:20	7:00 7:20	Session B <i>Target development 1</i> (Chair: <i>David Baxter</i>)	(<i>INVITED</i>) A flexible target station for HI-CANS	Paul Zakalek	Jülich Centre for Neutron Science (JCNS-HBS), Forschungszentrum Jülich
O-5	20:20 20:35	12:20 12:35	7:20 7:35		Genetic Algorithm-Based Optimization of a Target for the Production of Atmospheric-Like Neutrons via 100 MeV Proton Beam	Soobin Lim	Seoul National University
O-6	20:35 20:50	12:35 12:50	7:35 7:50		Depositing a thin coating on the lithium neutron production target by magnetron sputtering technology	Zhaopeng Qiao	Xian Jiaotong University
O-7	20:50 21:05	12:50 13:05	7:50 8:05		A comparative study of target and moderator for Prototype Canadian Compact Neutron Source (PC-CANS) by using MCNP and FLUKA	Sana Tabbassum	School of Health Sciences, Purdue University
	21:05 21:20	13:05 13:20	8:05 8:20		Break (15min)		
I-4	21:20 21:40	13:20 13:40	8:20 8:40		(<i>INVITED</i>) Recent progress on the grazing-incidence focusing small-angle neutron scattering (gif-SANS) instrument at CPHS	Weihang Hong	Tsinghua University
O-8	21:40 21:55	13:40 13:55	8:40 8:55		Design and test of a compact neutron collimator	Oriol Sans-Planell	Università degli Studi di Torino, INFN (Sezione di Torino)
O-9	21:55 22:10	13:55 14:10	8:55 9:10	Session C	Coupling HICANS with SELENE guides for tunable beam at small samples	Zhanwen Ma	Lanzhou University; Jülich Centre for Neutron Science, Forschungszentrum Jülich

				<i>Instrumentation and measurement 1</i>			
O-10	22:10 22:25	14:10 14:25	9:10 9:25	(Chair: <i>Koichi Kino</i>)	Sample synchronized Neutron Stroboscope at RANS	Atsushi Taketani	RIKEN
O-11	22:25 22:40	14:25 14:40	9:25 9:40		Imaging Performance of Neutron Flat-Panel-Detector using IGZO-TFT at Compact Neutron Source	Takeshi Fujiwara	AIST
O-12	22:40 22:55	14:40 14:55	9:40 9:55		Can the electro-disintegration reaction be used for the ultra-high energy resolution analysis for fast neutrons?	Yuqi Yang	Tsinghua University
O-13	22:55 23:10	14:55 15:10	9:55 10:10		Development of neutron salt-meter RANS- μ for non-destructive inspection of concrete structure at on-site use	Yasuo Wakabayashi	RIKEN